

CHMUTINA, Ye.P.; KOLOYARTSEVA, T.I.

Physical development of kindergarten children in Khabarovsk in
1959. Vop. okh. mat. 1 det. 6 no.4:73-77 Ap '61. (MIRA 14:6)

1. Iz kafedry pediatrii (zav. - dotsent G.S.Postol) Khabarovskogo
meditsinskogo instituta (dir. - prof. S.K.Nechepayev).
(Khabarovsk-Children-Growth)

KOLOYARTSEVA, Ye. I.

KOLOYARTSEVA, Ye. I.: "The general pedagogic activity of L. K. Shleger in the field of pre-school training." Min Education RSFSR. Moscow State Pedagogical Inst imeni V. I. Stalin. Moscow, 1956. (Dissertation for the Degree of Candidate in Pedagogical Sciences).

Source: Knizhnaya letopis' No. 28 1956 Moscow

ACC NR: AP6015707.

SOURCE CODE: UR/0413/66/000/009/0109/0109

INVENTOR: Koloydenko, A. L.

ORG: None

TITLE: A pneumatic intermittent delay unit. Class 42, No. 181401 [announced by the Voronezh Affiliate of the experimental Design Office of Automation (Voronezhskiy filial opytno-konstruktorskogo byuro avtomatiki)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 9, 1966, 109

TOPIC TAGS: pneumatic computer, delay mechanism

ABSTRACT: This Author's Certificate introduces a pneumatic intermittent delay unit which contains vessels with limp diaphragms, diodes, pulsating resistors, a cycle delay and contacts. Accuracy is improved by connecting the working chambers of the vessels with limp diaphragms in series with each other through diodes. The working chamber of the first vessel is connected through a pulsating resistor to the input line, while the working chamber of the last vessel is connected through a pulsating resistor and the cycle delay to the output line. The control chambers of the vessels with limp diaphragms are interconnected through a single line, and connected by contacts to sources of supply pressure and metering level pressure. The control chambers of the pulsating resistors, the cycle delays and the contacts are connected to a discrete signal source.

UDC: 681.142-525

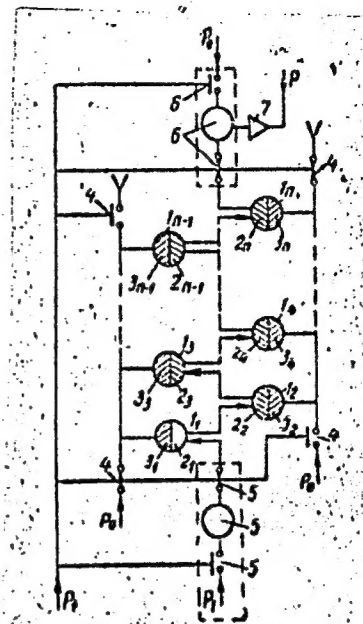
Card 1/2

ACC NR: AP6015707

1_1-1_n —vessels; 2_1-2_n —working chambers;
 3_1-3_n —control chambers; 4—contacts; 5
 and 6—pulsating resistors; 7—cycle delay;
 P_0 —metering level pressure; P_1 —input sig-
 nal; P_t —discrete signal

SUB CODE: 13/ SUBM DATE: 24Feb65

Card 2/2



ACC NR: AT6021728

SOURCE CODE: UR/0000/66/000/000/0057/0070

AUTHOR: Gorelik, N. G.; Koloydenko, A. L.; Podol'skiy, T. S.; Sokolov, V. N.;
Stukalov, A. M.; Fudim, Ye. V.

ORG: none

TITLE: Design of pneumatic computing and control systems and their application in the automation of synthetic rubber production

SOURCE: AN SSSR. Institut avtomatiki i telemekhaniki. Pnevmoavtomatika (Pneumatic automation). Moscow, Izd-vo Nauka, 1966, 57-70

TOPIC TAGS: pneumatic control, pneumatic device, automatic pneumatic control, synthetic rubber, rubber working machinery, industrial automation, automatic control equipment

ABSTRACT: Pneumatic control systems used for automated production of synthetic rubber are described. Table 1 summarizes the types, functions, and typical applications of pneumatic devices in manufacturing of rubber. Three examples of specific applications follow. *Process optimization of contact breakdown of alcohol into divinyl.* This process depends on the catalyst activity, the composition of the contact mixture, feed of alcohol vapor, and catalyst temperature. The first two parameters are considered to be random disturbances and the last two, the controlling forces. The quality indicator of the process is the divinyl output for alcohol input. A block diagram of the system is

Card 1/4

ACC NR: AT6021728

TABLE 1

Type of device	Function	Typical applications
Computing	Processing of primary data	Noise filtering Time delay Linearization Decoding of chromatographic data
	Computation of complex parameters and generation of appropriate signals to control system	Final product output computation Computation of economic indicators Averaging
Control	Control according to a time program of the process parameters	Change of the control system from multi-loop to single loop when a predetermined criterion is reached Automatic ratio correction of two fractions fed when a predetermined criterion is reached

Card 2/4

ACC NR: AT6021728

TABLE 1 (Continued)

		The selection of a maximum (minimum) signal from a set of n signals Gate valve switching in flow lines Control through optimizing systems
	Control in response to quality indicators	Stabilization Optimization

shown in figure 1. The output of controlled process 1 is fed into isothermic condenser 2 where the liquid and gaseous product components are separated to determine the values of divinyl content and the condensate density. Densitometer 4 and chromatograph 3 perform these functions. Decoder 5 decodes the output of the chromatograph to make the divinyl concentration explicit. Calculating system 6 computes the values of quality indicators according to a predetermined formula. Device 7 averages the quality indicator signal with respect to time and thus reduces noise. Limit controller 8 regulates stabilization system 9 and 10 which in turn control the temperature and alcohol feed. The design and performance of pneumatic calculator and the controller are given in detail. *The pneumatic decoder for the DChP-3 Chromatograph is intended for automa-*

Card 3/4

ACC NR: AT6021728

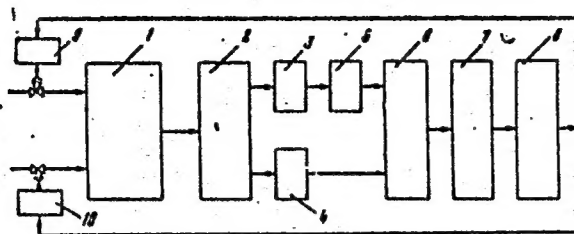


Fig. 1

tic processing of the chromatograph output. The concentration of the component of interest is determined from the partial pressures. The decoder controls the operation of the chromatograph and selects the times at which the desired output is available from it. The operation of this system is described and a block diagram included. *Pneumatic timer.* This is a program timer which controls the individual phases of the process with respect to time. Glass capillaries are used for controlled discharge of air. The timing is controlled by changing the appropriate container volumes (capacitor analogues). The timer system is also reported in detail, including block and timing diagrams. Orig. art. has: 24 formulas, 10 figures, 2 tables.

SUB CODE: 13.4/

SUBM DATE: 03Feb66/

ORIG REF: 004

Card 4/4

L 07454-67 EWT(d)/EWT(1)/EEC(k)-2/EWP(v)/EWP(k)/EWP(h)/EWP(1) IJP(c) BB/GG
ACC NR: AP6035742 SOURCE CODE: UR/0413/66/000/019/0104/0104

INVENTOR: Galata, O. G.; Koloydenko, A. L.; Stukalov, A. M.; Fudim, Ye. V. 43

ORG: none

TITLE: Pneumatic integrator. Class 42, No. 186772. [announced by the Voronezh Branch of the Experimental Design Office for Automation (Vronezhsky filial opytno-konstruktorskogo byuro avtomatiki)]

SOURCE: Izobrateniya, promyshlennyye obraztsy, tovarnyye znaki, no. 19, 1966, 104

TOPIC TAGS: pneumatic device, fluid computer

ABSTRACT: An Author Certificate has been issued for a pneumatic integrator which incorporates a pulsating resistor, pneumatic contacts, pneumatic capacitors, and an output amplifier (see Fig. 1). To improve the integration accuracy of alternating

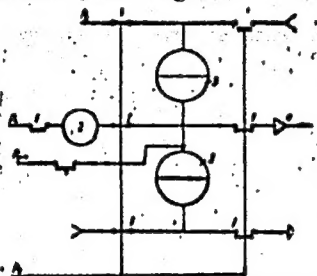


Fig. 1. Pneumatic integrator

- 1 - Contacts; 2 - pulsating resistor;
- 3 - pulsating capacitor; 4 - output amplifier.

Card 1/2

UDC: 681.142.07-525

L 07454-67

ACC NR: AP6035742

differences of incoming signals, the normally closed contact (ncc) of the pulsating resistor is connected to one incoming channel, and the normally open contact (nvc) is connected to the working chambers of two pulsating capacitors and by the ncc to the output amplifier. The upper capacitor is connected by the nvc to a second input channel and by the ncc to the power supply channel; the lower capacitor is connected by the nvc to the power supply channel and by the ncc to the exhaust. Orig. art. has: 1 figure.

SUB CODE: 13, 09/ SUBM DATE: 15May64/ ATD PRESS: 5104

Card 2/2

I 22555-66

ACC NR: AP6011261

SOURCE CODE: UR/0413/66/000/006/0100/0100

INVENTOR: Koloydenko, A. L.

ORG: none

TITLE: Converter of gas pressure into pulsating discharge. Class 42, No. 179995

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 100

TOPIC TAGS: gas discharger, pressure converter, pulsating gas discharger

ABSTRACT: This Author Certificate has been issued for a converter of gas pressure into pulsating discharge. The device consists of two containers and pneumatic con-

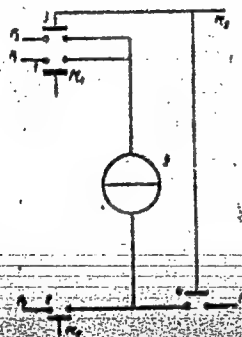


Fig. 1. Gas-pressure converter

1-4 - Contacts; 5 - body;
P₁, P₂, P₃, P₄ - continuous
pneumatic signals; Pt₁, Pt₂,
Pt₃ - controls.

Card 1/2

UDC: 681.142-525

L 22555-66

ACC NR: AP6011261

tacts. In order to maintain a direct ratio between the discharge and absolute pressure, or a positive pressure differential, the containers have common wall made of an airtight limp membrane. Orig. art. has: 1 figure. [SA]

SUB CODE: 14, 10/ SUBM DATE: 17Sep63/ A.D PRESS: 4228

Card

2/2

BK

KOLOYE, V.

POLAND/Nuclear Physics - Penetration of Charged and Neutral
Particles Through Matter.

C-6

Abs Jour : Ref Zhur - Fizika, No 4, 1957, 8856

Author : Koloye, V.,

Inst : Physics Institute, Polish Academy of Sciences.

Title : Effective Cross Section of a Molecule of Methyl
Mercaptane for the Scattering of Slow Neutrons.

Orig Pub : Vyul. Pol'skoy AN, 1956, Otd. 3,4, No 5, 263-265

Abstract : The cross section for the scattering of slow neutrons by
a molecule of methyl mercaptane. The method developed in
previous works by the author (Referat Zhur Fizika, 1956,
9868) is used. The effect of the vibrations of the mole-
cule are taken into account under the assumption that
it is the same as for methane. Ideas concerning the role
of association are stated.

Card 1/1

KOLCOYEV, B. A.

Cssetes

Landowning and land tenure of the Mozdok Cssetes Sov. etn. no. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 195~~7~~₂, Uncl.

S/196/61/000/009/027/052
E194/E155

AUTHORS: Balagurov, V.A., and Kolozeznyy, E.A.

TITLE: Calculation of the external characteristics of synchronous generators with permanent magnetic field

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika, no.9, 1961, 22, abstract 9I 152. (Vestn. elektropromsti no.2, 1961, 41-44)

TEXT: The calculation is made using a working diagram of the magnet and a vector diagram of voltage. Allowance is made for reduction in the magnetic flux of the magnet with increasing generator load and for field realignment resulting from armature reaction and voltage drop in the ohmic resistance and reactance. The working diagram of a magnet for a generator with star-connected rotor without pole pieces is used to establish a relationship between the longitudinal m.m.f. of armature reaction and the longitudinal e.m.f. in the armature winding used to construct the external characteristics. Voltage vector diagrams of synchronous generators with permanent magnetic field are the same in principle as those of generators with electro-magnetic

Card 1/2

Calculation of the external ...

S/196/61/000/009/027/052
E194/E155

excitation. The article considers the construction of the external characteristics of generators with star-connected rotors without pole pieces and of generators with beak-shaped rotors and commutator type.

6 illustrations, 6 literature references.

[Abstractor's note: Complete translation.]

Card 2/2

BALAGUROV, V.A., doktor tekhn.nauk; KOLOZEZNIY, E.A., inzh.

Calculation of the external characteristics of synchronous generators
with magnetic excitation. Vest.elektroprom. 32 no.2:41-44 F '61.
(MIRA 15:5)

(Electric generators)

KOLOZHUK, V.I. ENG. (Reviewer)

ПЕНОМАРОВА, Р.А.

"Design construction and installation of a braking device preventing the reverse motion of the disc in electric meters." Eng. Ya. P. Kalita, R.A. Ponomarova, Reviewed by Eng. V.I. Kolozhuk. Prom. energ. 9, no.8, August 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952, UNCLASSIFIED

PASHENKO, M.A.; IGONIN, P.G.; KOLOZHVARI, A.A.

Oxidation of the head fraction of straight-run gasoline for the
purpose of obtaining acetic acid. Azerb.khim.zhur. no.6:19-25
'61. (MIRA 15:5)

(Gasoline) (Oxidation) (Acetic acid)

IGONON, P.G., inzh.; SVITKIN, V.V., inzh.; MITROFANOV, M.G., kand.tekhn.nauk;
SLEPTSOV, Yu.S., inzh.; KOLOZHVAR, A.A., inzh.; PASHENKO, M.A., inzh.;
ZHIVOLUPOV, M.A., inzh.; Primali uchastiye: MUSHENKO, D.V.;
TSYSKOVSKIY, V.K.; SHCHEGLOVA, TS.N.; FREYDIN, B.G.; PYL'NIKOV, V.I.;
LEVINA, M.I.; LEVIN, A.I.; LUR'YE, Ye.I.; BAYKINA, T.A.; UDOVENKO, S.A;
MARCHENKO, T.A.

Effect of the method of liquid paraffin oxidizing on the yield and
quality of the obtained fatty acids. Masl.-zhir.prom. 28 no.11:20-23
N '62. (MIRA 15:12)

1. Groznenskiy nauchno-issledovatel'skiy neftyanoy institut (for
Igonin, Svitkin, Mitrofanov, Sleptsov, Kolozhvari, Pashenko, Zhivolupov).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh
protseessov (for Mushenko, Tsyskovskiy, Shcheglova, Freydin, Pyl'nikov,
Levina, Levin).3. Lengiprogaz (for Lur'ye, Baykina). 4. VNIISINZh
(for Udoenko, Marchenko).

(Paraffins)

(Acids, Fatty)

IGONIN, P.G.; SVITKIN, V.V.; SLEPTSOV, Yu.S.; KOLOZHVARI, A.A.; PASHENKO, M.A.;
GLOTSEY, Ye.M.

Oxidation of naphthenic hydrocarbons. Neftex. i neftekhim.
no.1:17-19 '63. (MIRA 16:10)

1. Groznenskiy nauchno-issledovatel'skiy institut.

L-10227-63

EW (j)/EPF (c)/EWT (m)/BDS--AFFTC/ASD/APGC--Pc-h/Pr-h--

RU/EE/WW/MAY/DJ

ACCESSION NR: AP3000503

S/0055/63/000/005/0034/0038

AUTHOR: Igonin, P. G.; Svitkin, V. V.; Kolozhvari, A. A.; Sleptsov, Yu. S.; Glotser, Ya. M. 74

TITLE: Oxidation of isoparaffinic hydrocarbons

SOURCE: Khimiya i tekhnologiya topliv i masel, no. 5, 1963, 34-38

TOPIC TAGS: oxidation, isoparaffinic hydrocarbons, isoparaffinic acids, plasticizers, flotation agents, synthetic lubricant esters, motor alkylate

ABSTRACT: Isoparaffinic acids are of interest as starting materials for the production of plasticizers, flotation agents, and synthetic lubricant esters. The synthetic fatty acid pilot plant of GrozNII was used for oxidation of motor alkylate containing no n-alkanes complexing with urea. The oxidation was done with air at 120°C and a manganese-potassium soap catalyst to an acid number of 70 mg KOH per gram. The oxidate was saponified and the acids isolated and fractionated. Nearly 90% forms no complex with urea. When compared to fractions of synthetic fatty acids distilling within the same limits, the acids obtained in this work have higher acid numbers and lower pourpoints. Heat treatment strongly reduces the

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L 10227-63

ACCESSION NR: AF3000503

content of petroleum ether insolubles formed in the oxidation. Orig. art. has: 6
tables. ⁰

ASSOCIATION: GrozNII

SUBMITTED: 00

DATE ACQD: 12Jun63

ENCL: 00

SUB CODE: CH

NO REF SOV: 002

OTHER: 001

Card 2/2

IGONIN, P.G.; SVITKIN, V.V.; SLEPTSOV, Yu.S.; KOLOZHVARI, A.A.;
PASHENKO, M.A.; GLOTSER, Ye.M.

Oxidation of naphthenic hydrocarbons. Trudy GrozNII no. 15:
298-302 '63. (MIRA 17:5)

IGONIN, P.G.; SVITKIN, V.V.; MITROFANOV, M.G.; SLEPTSOV, Yu.S.;
KOLOZHVARI, A.A.; PASHENKO, M.A.; ZHIVOLUPOV, M.A.

Continuous and periodic oxidation of liquid paraffins to
produce synthetic fatty acids. Trudy GrozNII no. 15:303-322
'63. (MIRA 1745)

ACCESSION NR: AT4016004

8/2625/63/000/015/0323/0332

AUTHOR: Igonin, P.G.; Svitkin, V.V.; Kolozhvari, A.A.; Sleptsov, Yu. S.;
Glotsky, Ye. M.

TITLE: Oxidation of isoparaffinic hydrocarbons

SOURCE: Groznyy. Neftyanoy nauchno-issledovatel'skiy institut. Trudy*,
no. 15, 1963. Tekhnologiya pererabotki nefiti i gaza. Neftekhimiya (Tech-
nology of processing petroleum and gas. Petroleum chemistry), 323-332

TOPIC TAGS: hydrocarbon, hydrocarbon oxidation, organic acid, alkylate,
motor alkylate, isoparaffinic hydrocarbon

ABSTRACT: Since the paraffins which are oxidized in the production of syn-
thetic fatty acids also contain isoparaffinic hydrocarbons, the authors studied
the oxidation of a motor alkylate consisting entirely of hydrocarbons which
do not form complexes with carbamide. Both the entire motor alkylate and the
200-300C fraction were first oxidized under laboratory conditions on a glass
column at 117 or 125C, and then on the SZhK experimental apparatus at 120C with
Mn and K soaps as catalysts. The density, molecular weight, acid number,
Card 1/2

ACCESSION NR: AT4016004

ether number, iodine number and other characteristics of the products are tabulated for each case. The results show that motor alkylates must be oxidized under a pressure of 2-3 atm. The theoretical scheme for the preparation of acids having an iso structure is analogous to that used for the preparation of synthetic fatty acids. However, the acids obtained from motor alkylates consist almost entirely of acids which do not form complexes with carbamide. During the oxidation of isoparaffinic hydrocarbons, a large number of products which are insoluble in petroleum ether are formed, the acid content of which sharply decreases after thermal treatment. The oxidation of motor alkylates yields acids, the fractions of which are similar to the fractions of fatty acids, but which have lower solidification points and acid numbers. Orig. art. has: 8 tables.

ASSOCIATION: Neftyanoy nauchno-issledovatel'skiy institut, Groznyy (Petroleum Scientific Research Institute)

SUBMITTED: 00

DATE ACQ: 31Jan64

ENCL: 00

SUB CODE: 00

NO REF SOV: 003

OTHER: 000

Card: 2/2

KOLOZHVARI, E.

Noiseless without Shuttles. Leka Promishlenost (Light Industry),
#2:44: Feb 55

KOLOZSVARI, Erno

Soviet trade unions are loyal supporters of the Party. Pt.1.
Munka 4 no.8:11-15 Ag:54

DONATH, Bela; KOLOZSVARI, Erno

The legal-administrative instruments of the socialist labor
protection Munkavedelem 7 no 10/12, 25-27 '61.

DONATH, Bela; KOLOZSVARI, Erno

Educational work for labor protection as a basic means of the socialist labor protection. Munkavedelem 8 no.1/3:24-30 '62.

1. "Munkavedelem" szerkeszto bizottsagi tagja (for Donath).

KOLOZSVARI, Erno

On the 3d Labor Safety Film Festival arranged by the Hungarian
Council of Trade Unions. Munkavedelem 6 no.1/3:49-51 '60.

DONATH, Bela; KOLOZSVARI, Erno

Means of labor protection. Pt. 1. Munkavedelem 7 no.7/9:17-26
'61.

KOLOZSVARI, Gabor, okleveles földmérőmérnök, egyetemi adjunktus

Preliminary accuracy testing of break-through measurements. Bany
lap 97 no.3:164-169 Mr '64.

1. Chair of Geodesy and Mine Surveying, Technical University of Heavy
Industry, Miskolc.

KOLOZSVARI, Gabor, okleveles földmérnökmernok, egyetemi adjunktus

~~Some~~ Some remarks about the use of invar steel bands. Bany lap 96
no.6:393-394 Ja '63.

1. Nehézipari Műszaki Egyetem Geodéziai és Bányamérési
Tanszék, Miskolc.

LEZHAVA, A.S.; KOLOZHVARI-MARKINA, M.L.

Development of the interepithelial junction region in the cloaca
of domestic hens. Trudy Tbil. GU 88:99-106 '63.

(MIRA 18:8)

1. Kafedra gistologii Tbilisskogo universiteta.

KOLOESVARY, Pal

Application of special motor vehicles in the construction industry.
Epites szemle 6 no.5:160-163 '62.

1. Epitesugyi Miniszterium Szallitasi Igazgatosaganak
fomernoke.

KOLOSVARY, Szabolcs

Reviewing Soviet professional periodicals (June-December, 1961).
Erdo 11 no.9:423-427 8 '62.

SZABO, Istvan, dr.; GERTHEISZ, Antal; KOLOZSVARY, Szabolcsna;
RIEDL, Gyula

Hungary's forestry librarianship. Erdo 11 no.9:415-419
S 162.

1. Konyvtaros, Erdomernoki Foiskola, Sopron (for Szabo).
2. Tudomanyos munkatars, Orszagos Mezogazdasagi Konyvtar
(for Gertheisz).

KOLOZSVARY, Szabolcsné; MARKUS, Laszlo

"Forest estimates" by N.P.Amuchin. Reviewed by Mrs.Szabolcs
Kolozsvary and Laszlo Markus. Erdo 11 no.10:470-477 0 '62.

KOLOZSVARY, Szabolcsne [translator]

"Comparative analysis of the typological concept of M.M. Putilin,
V.N. Sukachov and G.F. Morozov. Erdő 11 no.11:520-526 N '62.

CELYNYIKER, Ju.L. [Tselniker, Y.L.]; KOLOZSVARY, Szabolcsne [translator]

Leonid Aleksandrovich Ivanov; obituary. Erdo 11 no.11:526-528 N '62.

1. KOLP, K.
2. USSR (600)
4. Labor Productivity
7. Intefactory schools for generalization and exchange of progressive practice.
Prof. soiuzy 8, no. 3, 1953

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Unclassified.

BARABANOVA, V.N.; KOZHENYAKINA, L.K.; KOLPACHENKO, M.A.

New flowsheet for refining crude molybdenum concentrates at
the Tyrny-Auz Ore-Dressing Plant. TSvet.met. 33 no.1:23-25
Ja '60. (MIRA 13:5)

1. Tyrny-Auzskiy kombinat.
(Molybdenum--Metallurgy) (Tyrny-Auz--Ore dressing)

Use of thermographic methods in the study of heating
processes in dough. V. I. Nazarov, A. S. Ginzburg, V. I.

Trudy Vsesoyuznogo Nauchno-Issledovatskogo Tsentra
Kulturno-Istoricheskoi Arkheologii

1954

1954

KOLPACHEV, V.P.

The role of establishing two types of associations in learning
geographic data. Vop. psikh. 3 no.4:147-161 J1-Ag '57. (MLBA 10:9)

1. Institut psikhologii Akademii pedagogicheskikh nauk RSFSR,
Moskva.
(Geography--Study and teaching) (Association of ideas)

AP 5019039

MP 40284/65/000/012/0070/0070

024.553 : 021.042,34

Malavin, K. P.; Kolpachev, Yu. G.; Okhotnikov, A. A.; Pirev, V. G.;
Grishin, M. S.; Sandakov, Ye. A.; Solovyanov, I. F.; Pleshevskiy,

Tank for storage and transportation of liquids. Class 37, No. 172022

Patent' izobreteniy i tovarnykh znakov, no. 12, 1975, 71

Liquid storage, tank

This Author's Certificate introduces: 1. A tank for storage and trans-
portation of a liquid. The unit is made of an elastic material in the form of a
cylinder with a neck and a ring. The floating ring is mounted on the outside
of the neck and can be replaced so that buckling of the rim of the neck can be
avoided in case the ring is damaged. 2. A modification of this tank in which the
ring is made replaceable by covering it with a sleeve which is fastened to
the neck by straps.

none

NR: AP5019039

28Feb64

ENCL: 01

SUB CODE: IE

000

OTHER: 000

WR: AP5019039

ENCLOSURE: 01

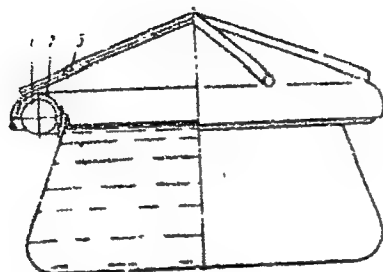


Fig. 1. 1--rotating ring;
2--sleeve with straps;
3--lid

S/109/60/005/05/021/021
E140/E435

AUTHORS: Bur'yanov, P.D., Buts, V.P., Kolpachev, Yu.I.,
Zheleznov, L.F. and Kupchinov, N.F.

TITLE: Letter to the Editor: On the Publication of the
Article "Ribbon Electron Beams in a Longitudinal
Homogeneous Magnetic Field with Arbitrary Degree of
Cathode Screening" ✓

PERIODICAL: Radiotekhnika i elektronika, 1960, Vol 5, Nr 5, p 880 (USSR)

ABSTRACT: A brief letter indicates that Alyamovskiy's results
(Ref 1) have been previously obtained by Porev at the
Taganrog Radio Engineering Institute (Ref 2,3,4).
There are 4 Soviet references.

Card 1/1

KOLPACHEVA, M.P.

USSR/Chemical Technology. Chemical Products and Their
Application - Silicates. Glass. Ceramics. Binders.

I-9

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12513

Author : Kolpacheva M.P.

Inst : Voronezh University

Title : Effect of Potash and Sulfuric Acid on Sedimentation of
Western Kazakhstan Sands by Clay

Orig Pub : Tr. Voronezhsk. un-ta, 1955, 35, 75-83

Abstract : Investigated was the effect of added K_2CO_3 (0.01 N) and H_2SO_4 (0.005 N) on sedimentation of sand by clay depending on the turbidity of the slurry, fractional composition of the clay, duration of slurry feed and water pressure gradients. In the sedimentation of sands of three areas by clay secured from the same areas, the beneficial effect of the above-stated additives has been ascertained and conditions are stated to attain their optimal effects.

Card 1/1

- 65 -

KOLPACHEVA, M.P.

Methods in studying the warping of sand in West Kazakhstan Province.
Trudy VGU 35:85-93 '55.
(West Kazakhstan Province--Reclamation of land) (MIRA 11:5)
(Sand)

~~KOLPACHEVA, M. D.~~

Determination of the highest possible discharge of snow melt
based on the definite forecast of rivers in central Chernozem
provinces. Trudy VGU 42 no. 4:43-45 '55. (MIRA 11:6)
(Central Black Earth region—Rivers)

KOLPACHEVA, M.P.

Water cycle of a pond on the Khrushchev Collective Farm in Khokhol
District, Voronezh Province. Trudy VGU 42 no.4:47-49 '55.
(Khokhol District--Farm ponds) (MIRA 11:6)

KOLPACHEVA, M.P.

Correlation between the volumes of the annual and seasonal runoff
of the rivers in the Central Chernozem Provinces. Nauch. zap. Vor.
otd. Geog. ob-va:99-103 '63. (MIRA 17:9)

BABIN, Ye.P.; KOLPAKCHI, A.A.

Disproportionation and conjugated alkylation of alkylchlorobenzenes in the presence of AlCl_3 , $\text{AlCl}_2\cdot\text{H}_2\text{PO}_4$, and $\text{AlCl}_3\cdot\text{CH}_3\text{NO}_2$. Zhur. prikl. khim. 38 no.7:1640-1643 J1 '65. (MIRA 18:7)

KHISAMUTDINOV, A.G.; MUKHUTDINOVA, R.G.; KOLPACHIKHIN, F.B.

Evaluation of antidiphtheria immunity by means of a spintest.
Vop. okh. mat. i det. 5 no. 2:41-44 Mr-Apr '60. (MIRA 13:10)

1. Iz Kazanskogo nauchno-issledovatel'skogo instituta epidemiologii
i gigiyeny.

(DIPHTHERIA—PREVENTIVE INOCULATION)

ALATYRTSEVA, I.Ye., KOLPACHIKHIN, F.B.; AMFITEATROVA, N.F.; SHAROVSKAYA, V.N.;
DVORKINA, A.I.; MEL'NIKOVA, V.K.; BERZON, I.G.

Intranasal revaccination against diphtheria. Report No. 1. Vop.okh.
mat.i det. 7 no.4:29-32 Ap '62. (MIRA 15:11)

1. Iz Kazanskogo nauchno-issledovatel'skogo instituta epidemiologii,
mikrobiologii i gigiyeny.

(DIPHTHERIA—PREVENTIVE INOCULATION)

KRASNOV, V.Ya., kand.tekhn.nauk; KOLPAKSNIKOV, N.P.

Construction of dumped rock-fill dams filled with sand. Gidr.
stroil. 33 no.4:20-21 Ap '63. (MIRA 16:4)
(Dams)

SOV/175-58-6-15/41

AUTHOR: Kolpak P., Lieutenant Colonel
TITLE: Friendship With the Unit's Veterans
PERIODICAL: Tankist, 1958, Nr 6, p 22 (USSR)
ABSTRACT: The author mentions the praiseworthy initiative taken by the secretaries of the various komsomol organizations. Master Sergeant Timonin, Sergeant Shatunov, First Lieutenant Ivonin, and Private first class Shapovalov have written to the unit's veterans. The replies received were from Master Sergeant F.F. Lenshin, bearer of the "Slava" ("Glory") orders, Reserve First Lieutenants Garkovenko and Potapov and from the Hero of Soviet Union Major N.I. Kukhorenko.

Card 1/1

KOLPAK, P.V., inzh.; BELAN, G.S., inzh.

Resistance to faulting of ore-bearing and enclosing rocks in the
Stebnik potash deposit. Nauch. zap. Ukrniiproekta no.10:58-70 '63.
(MIRA 17:6)

KOLPAKCHI, A.A.; BABIN, Ye.P.

Effect of solvent on the kinetics of the alkylation of chlorobenzene
with propylene. Zhur. fiz. khim. 37 no.11:2560-2563 N'63.

(MIRA 17:2)

1. Donetskoye otdeleniye instituta organicheskoy khimii.

BABIN, Ye.P.; KOLPAKCHI, A.A.

Alkylation of chlorobenzene with isopropyl chloride in the presence of aluminum chloride. Kin.i kat. 3 no.6:855-860 N-D '62. (MIRA 15:12)

1. Institut organicheskoy khimii AN UkrSSR, Donetskoye otdeleniye.

(Benzene)

(Propane)

(Alkylation)

BABIN, Ye.P.; KOLPAKCHI, A.A.

Relation of the rates of formation of isopropylbenzenes and equations for the composition of alkylation products of chlorobenzene with propylene in the presence of aluminum chloride. Zhur. fiz. khim. 37 no.6:1371-1374 Je '63.

(MIRA 16:7)

1. Donetskoye otdeleniye instituta organicheskoy khimii.

(Benzene)

(Alkylation)

(Chemical reaction, Rate of)

AUTHOR: Kolpakchi, L.M.

68-58-3-8/22

TITLE: On the Problem of Decreasing the Volume of Control of
Production (K voprosu sokrashcheniya ob'yema kontrolya
proizvodstva)

PERIODICAL: Koka i Khimiya, 1958, Nr 3, pp 32 - 33 (USSR).

ABSTRACT: In view of a considerable improvement in the stability
of the quality of products, a decrease in the volume of control
analysis and tests is advocated. It is pointed out that the
control personnel should be relieved from some of the duties
and more responsibility taken by the operating personnel. A
mechanical sample divider used on the works is outlined
(figure). The necessity of improvement in the mechanisation
of preparation of samples is stressed. There is 1 figure.

ASSOCIATION: Zaporozhskiy koksokhimicheskiy zavod
(Zaporozh'ye Coke Oven Works)

Card 1/1

AUTHOR: Kolpakchi, L. M.

68-58-6-15/21

TITLE: Securing a Uniform Moisture Content of Coke
(Obespecheniye ravnomernoy vlazhnosti koksa)

PERIODICAL: Koks i Khimiya, 1958, Nr 6, pp 55-56 (USSR)

ABSTRACT: In order to determine optimum conditions securing the stability of the moisture content of coke, the influence of the following factors was investigated: size distribution of coke, uniformity of its discharging into the quenching wagon, uniformity of quenching with water in the quenching tower, the quality of water used for quenching, the time during which coke is retained on the wharfe, method of sampling and sample preparation. It is concluded that in order to obtain coke of a uniform moisture content the following conditions should be maintained: 1) a uniform distribution of coke in the quenching wagon; 2) standard quenching conditions in the quenching tower; 3) a constant quality of quenching water and 4) an automatic operation of coke wharfe. It is also considered that the weight of coke sample taken for the determination of moisture should be related to the output of coke oven and that the sample division should be done

Card 1/2

Securing a Uniform Moisture Content of Coke 68-58-6-15/21
after crushing to -13 mm and not before as is done at
present.
There are 2 tables.

ASSOCIATION: Zaporozhskiy koksokhimicheskiy zavod
(Zaporozh'ye Coal-tar Chemical Plant)

1. Coke--Moisture content
2. Humidity--Control systems
3. Water--Applications

Card 2/2

KOLPAKOV, A.

36046 Mekhanizirovanny maslozavod iz sbornykh konstruksiy. Moloch prom-st',
1949, No. 11, s. 12-17

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, 1949

ANTIPIN, L., inzh.; KOLPAKOV, A., inzh.

Polymers grown by aluminum. IUn.Tekh. . 4 no.5:22-26
My '60. (MIRA 13:7)

(Polyethylene) (Aluminum organic compounds)

KOLPAKOV, A., inzh.

Dielectrics of tomorrow. Znan.sila 35 no.5:12 My '60.
(Mica) (MIRA 13:7)

KOLPAKOV, A.A.

Changes in the excitability of the cervical sympathetic nerve in cats during shock associated with blood transfusion. Vrach, delo no.9:987 S '57. (MIRA 10:9)

1. Kafedra patologicheskoy fiziologii (zav. - prof. O.A.Bogomolets)
Kiyevskogo instituta usovershenstvovaniya vrachey
(SHOCK) (BLOOD--TRANSFUSION)
(NERVOUS SYSTEM, SYMPATHETIC)

KOLPAKOV, A.A., Cand Med Sci-- (diss) " Changes in ~~the~~ excitability of
the ~~neuro-reflex~~ ^{neuro-reflex} apparatus ~~under~~ ^{under} ~~various influences~~ ^{effects} and the course of
~~the~~ hemotransfusion shock ~~with~~ ^{against} this background." Kiev, 1958. 14 pp (Kiev
Order of Labor Red Banner State Med Inst in Acad A.A. Bogomolets) 200 co-
pies (KL, 43-58, 118)

- 51 -

KOLPAKOV, A.A.

~~Changes~~ in the excitability of carotid chemo- and pressoreceptors
and the sympathetic nervous system of dogs following the transfusion
of small doses of heterogenous blood. Nov.khir.arkh. no.2:62-65
Mr-Ap '58 (MIRA 11:6)

1. Kafedra patologicheskoy fiziologii (zav. - prof. O.A. Bogomolets)
Kiyevskogo instituta usovershenstvovaniya vrache. Chernovtsy,
Meditainskiy institut, kafedra patofiziologii.
(BLOOD--TRANSFUSION)
(CAROTID SINUS--INNERVATION)
(NERVOUS SYSTEM SYMPATHETIC)

KOIPAKOV, A.A.

Changes in reflexes from chemo- and baroreceptors of the sinocarotid zone caused by a general action of novocaine. Fiziol. zhur. [Ukr.] 4 no.6:841-843 N-D '58. (MIRA 12:3)

1. Kiyevskiy meditsinskiy institut.
(NOVOCAINE). (CAROTID SINUS)
(BLOOD--TRANSFUSION)

KOLPAKOV, A.A.

Influence of mustard plasters on the excitability of the vegetative portion of the nervous system and on the reflexes from the carotid baroreceptors. Vrach.delo no.7:757 J1 '59. (MIRA 12:12)

1. Kafedra patofiziologii (zav. - prof. D.S. Chetvertak) Chernovitskogo meditsinskogo instituta.

(MUSTARD--PHYSIOLOGICAL EFFECT) (NERVOUS SYSTEM, AUTONOMIC)
(CAROTID SINUS--INNERVATION)

KOLPAKOV, A.A.; TARAKHOVSKIY, M.L. [Tarakhovskiy, M.L.]

"Hypothermia" by B.A. Saakov. Reviewed by A.A. Kolpakov, M.L.
Tarakhovskiy. Fiziol. zhur. [Ukr.] 6 no.2:274-275 Kr-Ap '60.
(MIRA 13:7)

1. Chernovetskiy meditsinskiy institut, kafedra patofiziologii
i farmakologii.

(HYPOTHERMIA)

(SAAKOV, B.A.)

CHETVERTAK, D.S., prof.; KOLPAKOV, A.A. (Chernovtsy)

"Pathological physiology" by A.N. Hordiienko. Reviewed by D.S.
Chetvertak, A.A.Kolpakov. Vrach. delo no. 1:136-137 '61.

(MIRA 14:4)

(PHYSIOLOGY, PATHOLOGICAL) (HORDIIENKO, A.N.)

KOLPAKOV, A.A.

Changes in the reflexes from the carotid chemoreceptors following
chemical irritation of the skin. Vrach. delo no.4:142-143 Ap '61.
(MIRA 14:6)

1. Kafedra patologicheskoy fiziologii (zav. - prof. D.S.Chetvertak)
Chernovitskogo meditsinskogo instituta.
(REFLEXES) (SKIN)

KOLPAKOV, A.A.; PIS'KO, G.T. (Chernovtsy)

"New medicinal substances of vegetable origin" by G.E.Batrak, E.V.
Popova, I.T.Furs. Reviewed by A.A.Kolpakov, G.T.Pis'ko. Vrach.
delo no.5:148 My '61. (MIRA 14:9)
(BOTANY, MEDICAL) (BATRAK, G.E.) (POPOVA, E.V.)
(FURS, I.T.)

KOLPAKOV, A.A., kand.med.nauk

Effect of irritation of the cutaneous receptors by mustard
plasters on the adrenergic and cholinergic properties of the
blood. Vrach. delo no.8:119-120 Ag'63. (MIRA 16:9)

1. Kafedra patologicheskoy fiziologii (zav. - dotsent L.N.
Ochelenko) Chernovitskogo meditsinskogo instituta.

(MUSTARD—THERAPEUTIC USE)

(BLOOD — ANALYSIS AND CHEMISTRY)

35597

S/133/62/000/004/003/008
A054/A127

11500
AUTHORS:

Kononov, B.Z.; Kolpakov, A.I.; Shurygin, G.D.; Engineers

TITLE:

Semicontinuous casting of stainless steel under synthetic slag

PERIODICAL:

Stal', no. 4, 1962, 313 - 315

TEXT:

In casting titanium-containing stainless steel, a floating skin forms on the meniscus of the metal in the crystallizer, whose creases may cause severe flaws in the ingot. This skin contains a great amount of non-metallic inclusions. By casting in a shielding atmosphere (argon or propane) it is only possible to avoid those inclusions which are formed on the metal surface, whereas inclusions emerging from the depth of the bath cannot be trapped by this method. It was found more expedient to cover the metal meniscus with liquid slag which absorbs the non-metallic inclusions more thoroughly. The following synthetic slag compositions were tested [(1) traces; (2) heat;]:

Плавка	CaF ₂	SiO ₂	CaO	Na ₂ O	MnO	FeO	Fe ₂ O ₃	Cr ₂ O ₃	Al ₂ O ₃	TiO ₂	MgO	P ₂ O ₅	S
A A (2)	39.08	34.58	20.28	4.78	0.20	0.08	0.09	0.03	0.82	0.27	0.36	0.027	0.035
B B	41.82	34.48	14.79	4.98	0.25	0.08	0.09	0.09	0.92	0.23	0.26	0.032	0.072
C B	47.28	31.60	11.13	5.46	0.10	0.08	0.04	Следы (1)	0.92	0.10	0.10	0.032	0.042
D F	40.20	34.24	20.28	4.62	0.18	0.08	—	—	0.70	0.33	Следы (1)	0.032	0.062

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Semicontinuous casting....

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An ingot surface of good quality could be obtained only with a fluid slag, when over the entire perimeter of the slag meniscus a thin slag lining formed on the crystallizer walls. When the density of the slag increased and slag lumps formed which fell in the gap between the crystallizer wall and the ingot, a rough ingot surface was obtained. Consequently, the synthetic slag used should not contain much aluminum oxide which affects the viscosity of the slag, but more sodium oxide which ensures its required fluidity. The optimum slag quantity when casting 175 x 600 mm ingots of 4 - 6 tons, was about 60 - 75 kg, i.e. about 11 kg/1 ton steel. The slag is fed into the crystallizer in two batches: the first, when the crystallizer is filled with metal up to 100 mm and the second when half the ingot is cast. The yield of flawless product increased by 13 - 75% when synthetic slag was used during semicontinuous casting:

	A(with slag)	B(without slag)
Metal waste in cropping	8,65	6,9
Metal waste in roughing	11,42	10,2
Slab rejects	2,95	13,8
Technological waste	18,11	18,35
Rejects of hot-rolled sheets	0,5	7,0

Card 2/3

Semicontinuous casting....

S/133/62/000/004/003/008
A054/A127

	A(with slag)	B(without slag)
Rejects due to intergranular corrosion	1,77	0,9
Yield of flawless hot-rolled sheets	56,6	42,85

By improving the technology of the process it is expected to raise the output beyond the present 59 - 71% level. There is hardly any difference in mechanical properties between the ingots of the conventional method and those produced by semi-continuous casting under synthetic slag. There are 4 figures and 4 Soviet-bloc references.

ASSOCIATION: Krasnyy Oktyabr' Plant

Card 3/3

KONONOV, B.Z., inzh.; KOLPAKOV, A.I., inzh.; SHURIGIN, G.D., inzh.

Semicontinuous pouring of stainless steel under synthetic slag.
Stal' 22 no.4:313-315 Ap '62. (MIRA 15:5)

1. Metallurgicheskiy zavod "Krasnyy Oktyabr'".
(Continuous casting) (Steel, Stainless)

PITAK, N.V.; KONONOV, B.Z.; KOLPAKOV, A.I.; D'YACHENKO, A.I.

Service of refractories in a semicontinuous steel casting
plant. Ogneupory 27 no.7:314-323 '62, (MIRA 15:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov (for Pitak).
 2. Volgogradskiy metallurgicheskiy zavod "Krasnyy Oktiabr'" (for Kononov, Kolpakov, D'yachenko).
- (Refractory materials) (Continuous casting)

KOLPAKOV, Aleksandr Lavrent'yevich; LOSEV, Vladimir Borisovich;
IVANOV, S.M., red.; ATROSECHENKO, L.Ye., tekhn. red.

[Bountiful chemistry of organosilicon compounds] Shohedraia
kremniorganika. Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe
v zhizni, nauke, tekhnike. IV Seriya: Tekhnika, no.21)
(MIRA 15:11)

(Silicon organic compounds)

KOIPAKOV, Aleksandr Lavrent'yevich, inzh.-khim.; CHERNIKOVA,
V.K., red.

[Metals in organic molecules] Metally v organicheskikh
molekulakh. Moskva, Izd-vo "Znanie," 1964. 38 p. (No-
voe v zhizni, nauke, tekhnike. XI Seriya: Khimiia, no.4)
(MIRA 17:6)

BARCHENKO, N.I.; KOLPAKOV, A.M.; FIGURINA, Z.G.; YASHIN, V.I.,
Starshiy instruktor

Effect of balloon breakers on the breakage of staple yarn No.40
in unwinding. Tekst.prom. 21 no.6:35-36 Je '61.

(MIRA 15:2)

1. Glavnyy inzh. Istom'inskoy pryadil'no-tkatskoy fabriki (for
Barchenko). 2. Nachal'nik tkatskogo proizvodstva Istomkinskoy
pryadil'no-tkatskoy fabriki (for Kolpakov). 3. Nachal'nik
prigotovitel'nogo tsekha Istomkinskoy pryadil'no-tkatskoy
fabriki (for Figurina).

(Textile machinery)

(Yarn)

4
KOLPAKOV, A.M.; FIGURINA, Z.G.; YASHIN, V.I.

Effect of ballon dividers on the breakage of yarn during winding. Tekst. prom. 22 no.7:40-42 J1 '62.

(MIRA 17:1)

1. Nachal'nik tkatskogo proizvodstva Istomkinskoy pryadil'no-tkatskoy fabriki (for Kolpakov). 2. Nachal'nik prigotovitel'nogo otdela Istomkinskoy pryadil'no-tkatskoy fabriki (for Figurina). 3. Starshiy instruktor Istomkinskoy pryadil'no-tkatskoy fabriki (for Yashin).

L 00761-67 ENP(j)/EWT(m)/T IJP(c) RM

ACC NR: AP6022850

(A)

SOURCE CODE: UR/0113/66/000/004/0017/0019

AUTHOR: Kolpakov, A. P.; Yermilov, S. S. (Candidate of technical sciences)

23

B

ORG: None

TITLE: Camber of the rubber tires on a steerable semitrailer

SOURCE: Avtomobil'naya promyshlennost', no. 4, 1966, 17-19

TOPIC TAGS: tire, industrial truck, vehicle engineering

ABSTRACT: The authors consider the effect of tire camber on the turning kinematics of an articulated truck with a steerable double-axle semitrailer. The trailer weight is conditionally assumed to be concentrated at two points: on the fifth wheel and at the center of the trailer frame. A formula is given for the centrifugal force of inertia away from the center of turning due to the weight of the trailer. This force is balanced by the total lateral force represented by the total geometric sum of the forces resulting from contact of the tires with the supporting surface. These forces depend on the camber of each wheel and are defined as the product of the coefficient of resistance to camber by the angle of camber for each wheel. Theoretical formulas are derived for calculating the camber and radius of turn for the center of the trailer frame as functions of the rate of motion for a steerable semitrailer. It is found that the turning radius increases considerably with speed. Experimental data show that camber

UDC: 629.11.012.5.001.5

Card 1/2

L 00761-67

ACC NR: AP6022850

should be taken into account in designing the steering linkage for controllable semitrailers. The camber for steerable semitrailers is $1-1.5^\circ$ greater on the average than that for a non-controllable semitrailer. The angular gear ratio of the drive for the controllable wheels should be increased to 1.1-1.15 to compensate for camber. Orig. art. has: 3 figures, 6 formulas.

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 006

Card 2/2

KOLPAKOV, A. P.

Kolpakov, A. P. "On the problem of time limits for raising livestock among the Tadzhiks of Kulyab Oblast", Soobshch. Tadzh. filiala Akad. nauk SSSR, Issue 9, 1948, p. 30-32.

SO: U-3042, 11 March 53, (Letopia'nykh Statey, No. 10, 1949).

1. Kolpakov, A.P.
2. USSR (600)
4. History - Kabodian
7. A page from the history of Kabodian. Soob. TFAN SSSR³¹/no. 3, 1951.
9. Monthly list of Russian Accessions. Library of Congress, March 1953, Unclassified.

1. ZHILIN, B. G., KOLPAKOV, A. P.
2. USSR (600)
4. Lumbering
7. Unloading full-length logs trucked to the river for free floating. Les prom No. 2 1953
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

10-10-68 AFDJ(a)/AFMO/AFLT
10-10-68

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1. Investigation of automatic control systems of ball-

... "Voennoye delo", no. 9, 1964, 28-32

motor, towing vehicle, hydraulic pump, automatic

...of turning an automobile over
...case semi-trailer over ... car
... suggested. Because of limitations ... and
... length of a semi-trailer ... construc-

L.S.M.

The turning angle controlled by the two sets of wheels steering the
... and with and without a steering wheel. The vehicle can be
steered in using a control wheel. The vehicle can be steered in for

ACCESSION NR: AP5001162

trailer greater than $1.5L$. Figure 1 shows the scheme of a hydromechanical control system for the trailer. The control law for the mechanism is defined for the mechanism - $\Phi = \Phi_1 + \Phi_2$, where Φ_1 is the "steering" angle of the trailer and Φ_2 is the trailer angle. The control curves are obtained for rear wheels of the trailer versus the angle γ . The turning angles γ_1 and γ_2 are determined by the relation $\gamma_1 = \Phi_1/S$, where S is the trailer length. The choice of an optimal output system for the control system of the trailer. The control system of the trailer and the tractor, the following parameters were used: $L = 1.5$ m, $S = 1.5$ m, $\gamma_1 = 0.5$ rad, $\gamma_2 = 0.5$ rad. The turning angles of rear wheels of the trailer are $\gamma_1 = 0.5$ rad, $\gamma_2 = 0.5$ rad. To reduce power loss during turning, the wheels of the single-axis trailer should follow the tracks of the rear wheels of the tractor. Orig. int. 1 table, 6 figures, and 1 table.

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ENCLOSURE 01

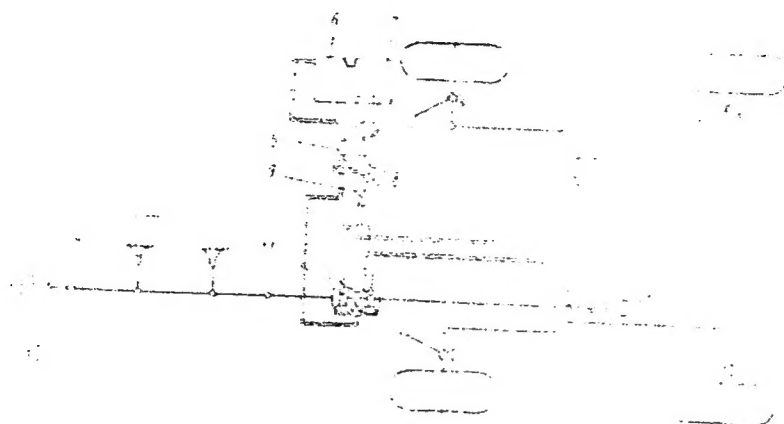


Fig. 1.

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To card 1/1

ENCLOSURE: 02

1- master form; 2- intermediate lever;
3- spring traction-cong. safe;
4- longitudinal traction; 5- disengaged
valves; 6- oil tank; 7- hydraulic
pump; 8- safety valve; 9- reverse
valve; 10- hydraulic cylinder;
11- slide valve.

YERMILOV, S.S., kand. tekhn. nauk; KOLPAKOV, A.P.

Results of the investigation of a tractor train with steerable
wheels of the semitrailer. Avt. prom. 30 no.9:28-32 S '64.
(MIRA 17:10)

KOLPAKOV, A.P.

Effect of steerable wheels of a semitrailer on the operation of
the driving wheel drive. Avt. prom. 30 no.12:16-19 D '64.
(MIRA 18:2)